DAFTAR PUSTAKA

Baranska, M., dan Schulz, H., 2009, *Determination of Alkaloids through Infrared and Raman Spectroscopy,* Elsevier Inc, Amsterdam, 209-211.

Baroroh, H.N., dan Rachmani, E.P.N., 2013, Ketoksikan Akut dari Ekstrak Etanolik Daun Jarak Pagar (*Jatropa curcas*) pada Mencit Jantan Galur Balb/C, *Jurnal Natur Indonesia,* 15(1) : 52–56.

Baroroh, H.N., Sobri, I., Rachmani, E.P.N., Hertiani, T., and Ikawati, Z., 2014, *Jatropha curcas* Leaves Exert Anti-arthritic Activity on Adjuvant-induced Arthritis in Rats, *Universa Medicina,* 33(1) : 3-10.

Candra, R.A., 2012, Isolasi dan Uji Aktivitas Antioksidan Senyawa alkaloid dari Ekstrak Daun *Phoebe declinata* Nees, *Skripsi,* Universitas Indonesia, Jakarta. Tidak Dipublikasikan.

Ebuehi, O.A., dan Okorie, N.A., 2009, Phytochemical Screening and Quantification of Flavonoids from Leaf Extract of *Jatropha curcas* Linn., *Niq Q J Hosp Med,* 19(4) : 200-5.

Evans, W.C., 2009*, Pharmacognosy*, 16th Edition, Saunders Elsevier, Philadelphia.

Gandjar, I.G., dan Rohman, A., 2009, *Kimia Farmasi Analisis*, Pustaka Pelajar,Yogyakarta.

Hambali, E., 2006, *Jarak Pagar Tanaman Penghasil Biodiesel,* PT. Adev Prima Mandiri, Bogor, 7-9.

Heftmann, E., 2004, *Chromatography*, 6th Ed, Premanence of Paper, Netherland.

Huang, Q., Guo, Y., Fu, R., Peng, T., Zhang, Y., and Chen, F., 2014, Antioxidant Activity of Flavonoid from Leaves of *Jatropha curcas, ScienceAsia,* 40 : 193-197.

Kang, S.R., Park, K.I., Park, H.S., Lee, D.H., Kim, J.A., Nagappan, A., Kim, E.H., Lee, W.S., Shin, S.C., Park, M.K., Han, D.Y., and Kim, G.S., 2011, Anti-inflammatory Effect of Flavonoids Isolated from Korea *Citrus aurantium* L. on Lipopolysaccharide-induced Mouse Macrophage RAW 264.7 Cells by Blocking of Nuclear Factor-kappa B (NF-kB) and Mitogen-activated Protein Kinase (MAPK) Signalling Pathways, *Food Chemistry,* 129 : 1721-28.

Katavic, P.L., 2005, *Chemical Investigations of The Alkaloids from The Plants of The Family Elaeocarpaceae,* Griffith University, Queensland, 59-60.

Khopkar, 2003, *Konsep Dasar Kimia Analitik*, Universitas Indonesia Press, Jakarta.

Kokate, C.K., A.P. Purohit., S.B. Gokhale., 2008, *Pharmacognosy*, 42th Ed., Arihant Printers, Gultekadi, 6.14-6.15.

Masroh, L.F., 2010, Isolasi Senyawa Aktif dan Uji Toksisitas Ekstrak Heksana Daun Pecut Kuda, *Skripsi,* Universitas Islam Negri Maulana Malik Ibrahim, Malang. Tidak Dipublikasikan.

Mishra, S.B., Mukerjee, A., and Vijayakumar, M., 2010, Pharmacognostical and Phytochemical Evaluation of Leaves Extract of *Jatropha curcas* Linn, *Pharmacognosy Journal,* 2 : 9-14.

Mujumdar, A.M., and. Misar, A.V., 2004, Anti-Inflammatory Activity of *Jatropha curcas* Roots in Mice and Rats, *Journal of Ethnopharmacology*, 90 : 11-15.

Mulyani, S., and Laksana, T., 2011, Flavonoid and Tannin Analysis with Microscopy-Microchemical Metode, *Majalah Obat Tradisional,* 16(3) : 109-114.

Nurcholis, M., dan Sumarsih, S., 2007, *Jarak Pagar dan Pembuatan Biodiesel*, 1st Ed, KANISIUS, Yogyakarta, 17-18.

Nuria, M.C., Faizatun, A., dan Sumantri., 2009, Uji Aktivitas Antibakteri Ekstrak Etanol Daun Jarak Pagar (*Jatropha curcas* L) Terhadap Bakteri *Staphylococcus aureus* ATCC 25923, *Escherichia coli* ATCC 25922, Dan *Salmonella typhi* ATCC 1408, *Jurnal Ilmu Pertanian,* 5(2) : 26-37.

Okwu, D.E., and Josiah, C., 2006, Evaluation of The Chemical Composition of Two Nigerian Medicinal plants, *African Journal of Biotechnolgy*, 5(4) : 357-361.

Padmawinata, K., 1991, *Pengantar Kromatografi*, 2nd Ed, ITB Press, Bandung. Terjemahan: Introduction to Chromatography, Gritter, R.J.: J. M. Bobbit; A. E Schwarting, 1985, Holden Day Inc., USA.

Pavia, D.L., Lampman, G.M., Kritz , G.S. and Vyvyan, J.R., 2009, *Introduction to Spectroscopy* 4th Ed., Brooks/Cole, Belmont, USA.

Rahman, A.U, 1997, *Studies in Natural Products Chemistry*, ELSEVIER SCIENCE B.V, Amsterdam, 751-752.

Sastrohamidjojo, H., 2005, *Kromatografi*, Liberty, Yogyakarta.

Sharma, A.K., Gangwar, M., Tilak, R., Nath, G., Sinha, A.S.K., Tripathi, Y.B., and Kumar, D., 2012, Comparative in vitro Antimicrobial and Phytochemical Evaluation of Methanolic Extract of Root, Stem and Leaf of Jatropha curcas Linn, *Pharmacognosy Journal,* 4 : 34-40.

Sharma, B.K., 2007, *Chromatogrpahy*, 5th Ed., KRISHNA Prekashan Media, Delhi, C.10-C.12.

Sherma, J., dan Fried, B., 2003, *Handbook of Thin-Layer Chromatography,* 3rd Ed, Marcell Dekker, New York.

Starlin, T., Raj, A., Ragavendran, P., dan Gopalakrishnan, V.K., 2012, Phytochemical Screening, Functional Groups and Element Analysis of *Tylophora pauciflora* Wight and Arn, *Internasional Research Journal of Pharmacy,* 3(6) : 180-183.

Supriyatna, Moelyana, M.W., Yoppi, I., dan R. Maya, F., 2014, Prinsip Obat Herbal Sebuah Pengantar Untuk Fitoterapi, Deepublish, Yogyakarta.

Syah, A.N.A., 2006, *Biodiesel Jarak Pagar*, 1st Ed, PT. Agro Media Pustaka, Tanggerang, 24-27.

Tongpoothorn, W., Chanthai, S., Sriuttha, M., Saosang, K., and Ruangviriyachai, C., 2012, Bioactive Properties and Chemical Constituents of Methanolic Extract and Its Fractions from *Jatropha curcas* oil, *Industrial Crops and Products*, 36 : 437-444.

Uche, F.I., and Aprioku, J.S., 2008, The Phytochemical Constituents, Analgesic and Anti-Inflammatory Effects of Methanol Extract of *Jatropha curcas* Leaves in Mice and Wister albino rats, *J. Appl. Sci. Environ. Manage,* 12(4) : 99-102.

Voight, R., 1995, *Buku Pelajaran Teknologi Farmasi*, diterjemahkan oleh S.N., UGM Press, Yogyakarta.

Wagner, H., dan Bladt, S., 1996, *Plant Drug Analysis*, 2nd Ed, Springer-Verlag Berlin Heidelberg, New York, 334-335.

Wall, P.E., 2000, *Spray Reagent*, Academic Press, USA, 907-915.

Wei, L., Zhang, W., Yin, L., Xu, Y., and Chen, F., 2015, Extraction Optimization of Total Triterpenoids from *Jatropha curcas* Leaves Using Response Surface Methodology and Evaluations of Their Antimicrobial and Antioxidant Capacities, *Electronic Journal of Biotechnology,* 18 : 88-95.

Wenzel, T., 2002, *Separation Science-Chromatography Unit,* Departement of Chemistry, Lewiston.

Windarwati, S., 2011, Pemanfaatan Fraksi Aktif Ekstrak Tanaman Jarak Pagar (*Jatropha curcas* Linn.) sebagai Zat Antimikroba dan Antioksidan dalam Sediaan Kosmetik, *Skripsi,* Institut Pertanian Bogor, Bogor. Tidak Dipublikasikan.